

Storm Data and Unusual Weather Phenomena - February 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
WINNESHIEK (IA-Z010), CHICKASAW (IA-Z019), FAYETTE (IA-Z029), CLAYTON (IA-Z030)				
	02/02/07 12:00 CST	0		Extreme Cold/Wind Chill
	02/05/07 12:00 CST	0		
An extended period of cold weather and wind created dangerously low wind chill values across much of northeast Iowa with values reaching as low as 42 below in Clayton County (Monona), 40 below in Fayette County (Arlington), and 37 below in Chickasaw County (New Hampton). It was the coldest start to a February since 1996.				
WINNESHIEK (IA-Z010), ALLAMAKEE (IA-Z011), FAYETTE (IA-Z029)				
	02/06/07 06:00 CST	0		Heavy Snow
	02/06/07 18:00 CST	0		
A low pressure system brought locally heavy snow to parts of northeast Iowa. Specific reports included 6.5 inches near Waukon (Allamakee County), as well as 6.0 inches at Clermont (Fayette County) and near Decorah (Winneshiek County).				
MITCHELL (IA-Z008), HOWARD (IA-Z009), WINNESHIEK (IA-Z010), ALLAMAKEE (IA-Z011), FLOYD (IA-Z018), CHICKASAW (IA-Z019), FAYETTE (IA-Z029), CLAYTON (IA-Z030)				
	02/23/07 17:00 CST	0.47M		Winter Storm
	02/25/07 18:00 CST	0		
A powerful winter storm moved from Kansas to the lower Great Lakes, producing a combination of freezing rain, sleet and heavy snow, which virtually paralyzed northeast Iowa. Widespread power outages and tree damage were caused by ice accumulations of 1 to 2 inches. Especially hard hit were locations from around Oelwein (Fayette County) to New Hampton (Chicksaw County) to Osage (Mitchell County). Several roads had downed power lines across them and in fact, thousands of power poles were downed due to ice. Heavy snow also accompanied the storm. Accumulations ranged from 6 to 18 inches, with highest totals near the Minnesota-Iowa border. Some of the highest totals included 18.8 inches near Decorah (Winneshiek County) and 16.4 inches at Dorchester (Allamakee County). Thousands of people were without power for several days and emergency shelters were provided to accomodate those needing assistance. Travel was dangerous or impossible throughout northeast Iowa.				
MITCHELL (IA-Z008), HOWARD (IA-Z009), WINNESHIEK (IA-Z010), ALLAMAKEE (IA-Z011), FLOYD (IA-Z018), CHICKASAW (IA-Z019), FAYETTE (IA-Z029), CLAYTON (IA-Z030)				
	02/24/07 15:41 CST	0		Blizzard
	02/25/07 08:41 CST	0		
As the winter storm moved across Iowa toward the lower Great Lakes, blizzard conditions developed Saturday night, February 24, and lasted into Sunday morning, February 25. Winds gusting to around 40 mph caused white-out conditions, along with considerable blowing and drifting. In fact, drifts were as high as 4 to 5 feet in some locations. The strong winds and heavy snow hampered efforts to restore electricity to thousands of homes without power, which had been affected by a heavy glazing of ice Saturday morning.				
MINNESOTA, Southeast				
DODGE (MN-Z086), OLMSTED (MN-Z087), WINONA (MN-Z088), MOWER (MN-Z094), FILLMORE (MN-Z095)				
	02/02/07 12:00 CST	0		Extreme Cold/Wind Chill
	02/05/07 12:00 CST	0		
An extended period of cold weather and wind created dangerously low wind chill values across much of southeast Minnesota with values reaching as low as 41 below in Mower County (Dexter), 40 below in Olmsted County (Rochester), and 37 below in Dodge County (Dodge Center). It was the coldest start to a February since 1996.				
DODGE (MN-Z086), OLMSTED (MN-Z087), FILLMORE (MN-Z095)				
	02/06/07 05:00 CST	0		Heavy Snow
	02/06/07 17:00 CST	0		
A low pressure system brought locally heavy snow to parts of southeast Minnesota. Specific reports included 7.0 inches at Mantorville (Dodge County), 6.8 inches at Preston (Fillmore County) and 6.0 inches at the Rochester International Airport (Olmsted County).				
WABASHA (MN-Z079), DODGE (MN-Z086), OLMSTED (MN-Z087), WINONA (MN-Z088), MOWER (MN-Z094), FILLMORE (MN-Z095), HOUSTON (MN-Z096)				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/23/07 17:40 CST		0	Winter Storm
	02/25/07 18:00 CST		0	

A powerful winter storm moved from Kansas to the lower Great Lakes. This storm produced a combination of significant heavy snow, sleet and ice accumulations, which virtually paralyzed southeast Minnesota. Near the Mississippi River, snow accumulations totaled 20 to 26 inches, with an isolated report of 29.5 inches near Winona (Winona County). Further west, ice accumulations of 3/4 inch to 1.5 inches affected areas mainly southwest of Rochester (Olmsted County), including Austin (Mower County) and Stewartville (Olmsted County). Adams in Mower County was especially hard hit with thick glaze ice, numerous power poles and trees downed. A heavy glaze of ice in these locations caused power outages. Travel was dangerous or impossible throughout southeast Minnesota.

WABASHA (MN-Z079), DODGE (MN-Z086), OLMSTED (MN-Z087), WINONA (MN-Z088), MOWER (MN-Z094), FILLMORE (MN-Z095), HOUSTON (MN-Z096)

02/24/07 15:41 CST	0	Blizzard
02/25/07 08:41 CST	0	

As the winter storm moved across Iowa toward the lower Great Lakes, blizzard conditions developed Saturday night, February 24, and lasted into Sunday morning, February 25. Winds gusting to around 40 mph created white-out conditions, along with considerable blowing and drifting snow. In fact, snow drifts in some locations were as much as 4 to 5 feet deep. The strong winds and heavy snow delayed the restoration of electricity to numerous homes without power, which had been affected by a heavy glazing of ice Saturday morning.

WABASHA (MN-Z079), DODGE (MN-Z086), OLMSTED (MN-Z087), WINONA (MN-Z088), MOWER (MN-Z094), FILLMORE (MN-Z095), HOUSTON (MN-Z096)

02/28/07 15:35 CST	0	Winter Storm
02/28/07 23:59 CST	0	

Within a week of being hit by the powerful winter storm of February 23 to 25, another winter storm affected southeast Minnesota from February 28 to March 2. This storm produced snow accumulations between 6 and 12 inches. Specific reports included 11.5 inches at Claremont (Dodge County), 11.2 inches at Byron (Olmsted County) and 11.1 inches at Oronoco (Olmsted County). Strong northwest winds caused considerable blowing and drifting snow, which resulted in the closure of several roads. In addition, 1/8 inch to 1/4 inch of ice impacted areas near the Mississippi River from Wabasha (Wabasha County) to Winona (Winona County).

WISCONSIN, Southwest

TAYLOR (WI-Z017), CLARK (WI-Z029), BUFFALO (WI-Z032), JUNEAU (WI-Z043), ADAMS (WI-Z044), RICHLAND (WI-Z055)

02/02/07 12:00 CST	0	Extreme Cold/Wind Chill
02/05/07 12:00 CST	0	

An extended period of cold weather and wind created dangerously low wind chill values across much of central and western Wisconsin with values reaching as low as 42 below in Taylor County (Medford), 40 below in Richland County (Richland Center), and 39 below in Clark County (Loyal). It was the coldest start to a February since 1996.

TAYLOR (WI-Z017), CLARK (WI-Z029), BUFFALO (WI-Z032), TREMPLEALEU (WI-Z033), JACKSON (WI-Z034), LA CROSSE (WI-Z041), MONROE (WI-Z042), JUNEAU (WI-Z043), ADAMS (WI-Z044), VERNON (WI-Z053), CRAWFORD (WI-Z054), RICHLAND (WI-Z055), GRANT (WI-Z061)

02/23/07 17:45 CST	0	Winter Storm
02/25/07 18:00 CST	0	

Heavy snow was widespread across southwest Wisconsin, as a powerful winter storm moved from Kansas to the lower Great Lakes. Hardest hit were areas near the Mississippi River from near La Crosse (La Crosse County) to Galesville (Trempealeau County) and Fountain City (Buffalo County). Snow accumulations in these areas totaled 20 to 25 inches. In fact, La Crosse established an all-time record three day snowfall total of 21 inches. In addition to the heavy snow, ice accumulations of 1/4 to 1/2 inch impacted areas generally around the Wisconsin River and southward. Travel was dangerous or nearly impossible over all of southwest Wisconsin.

TAYLOR (WI-Z017), CLARK (WI-Z029), BUFFALO (WI-Z032), TREMPLEALEU (WI-Z033), JACKSON (WI-Z034), LA CROSSE (WI-Z041), MONROE (WI-Z042), JUNEAU (WI-Z043), ADAMS (WI-Z044), VERNON (WI-Z053), CRAWFORD (WI-Z054), RICHLAND (WI-Z055), GRANT (WI-Z061)

02/24/07 15:41 CST	0	Blizzard
02/25/07 08:41 CST	0	

As the winter storm moved across Iowa toward the lower Great Lakes, blizzard conditions affected southwest Wisconsin Saturday night, February 24, and lasted into Sunday morning, February 25. Winds gusting to around 40 mph caused white-out conditions, especially on the ridgetops near the Mississippi River and Wisconsin River. Considerable blowing and drifting snow occurred due to the strong winds, with drifts as high as 4 to 5 feet in some locations.

TAYLOR (WI-Z017), CLARK (WI-Z029), BUFFALO (WI-Z032), TREMPLEALEU (WI-Z033), JACKSON (WI-Z034), LA CROSSE (WI-Z041), JUNEAU

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(WI-Z043), ADAMS (WI-Z044)	02/28/07 16:15 CST		0	Winter Storm
	02/28/07 23:59 CST		0	

Within a week of being impacted by the winter storm of February 23 to 25, a second winter storm hit southwest Wisconsin from February 28 to March 2. This storm produced snow accumulations of 6 to 10 inches. Specific reports included 11.0 inches at Mondovi (Buffalo County), 9.0 inches near Independence (Trempealeau County) and 8.3 inches near Owen (Clark County). In addition to the heavy snow, ice accumulations of 1/8 inch to 1/4 inch affected parts of Trempealeau Clark, Monroe and Adams counties.